

**TAB 2**

Attorney Docket No.: DA-047-US-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fouad Mehawej Art Unit: 3761  
Serial No.: 10/66,935 Examiner: Stephens  
Filed: February 4, 2002  
Title: SUPERABSORBENT COMPOSITE AND ABSORBENT ARTICLES  
INCLUDING SAME

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

DECLARATION OF FOUAD D. MEHAWEJ UNDER 37 CFR 1.131

I, Fouad D. Mehawej, state and declare as follows:

1. I am the named inventor on the above-captioned application.
2. Prior to November 30, 2001, my colleague, Wayne Miller, prepared a superabsorbent polymer composite at my direction. Mr. Miller prepared the composite by saturating a high loft nonwoven web with PD8081H an aqueous solution of superabsorbent polymer precursor and then drying the composite. This work was recorded at page 30 of laboratory notebook 7542, a copy of which is attached at Tab 1.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under section 1001 Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent on which this statement is directed.

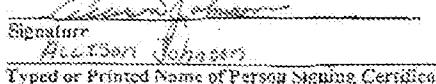
Further I declare not.

Date: April 7, 2006

  
Fouad D. Mehawej  
H.B. Fuller Company

**CERTIFICATE OF TRANSMISSION**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being electronically transmitted to the United States Patent and Trademark Office on April 16, 2006.

  
Signature  
H.B. Fuller Company  
Typed or Printed Name of Person Signing Certificate

TAB 1.

BOOK 7542PAGE 30

H.B. Fuller Company

RESEARCH NOTEBOOK  
CONFIDENTIAL

TITLE OF EXPERIMENT:

SAP saturation

DATE: REDACTED

LABORATORY LOCATION:

1200 WLB

PROJECT NO.: 1008

OBJECTIVE OF EXPERIMENT: "PD8081H SAP system" to saturate High LOFT NWs  
for increased absorbent capacity2 High Loft substrates from Freud Mfg  
One thicker than otherSaturation estimated in "PD8081H SAP system" at 200%  
per cent from ATLAS織物 with min. weight  
cured fibers NW 15 min @ 130°C + thickness 35 min

Thickness NW	Base	Normalized SAP	Thickness
2	4.80	13.3	174
3	4.66	10.83	132
4	4.58	11.09	142
5	4.78	10.94	132

Thickness NW

1	8.9	22.6	154
2	9.36	21.68	132
3	10.55	26.15	148
4	10.12	24.76	141
5	10.89	24.58	144

2.4 gms thick NW 24 hrs absorbed 70 gms H<sub>2</sub>O 766%  
7.15 gms thick NW " " " 58 " " 773%0.18 gms thick + 0 H<sub>2</sub>O absorbed 3.3 gms in 2 min  
3.4 " " " 10 "2.3 gms thick NW + 100 H<sub>2</sub>O " (56 gms in 2 min  
(70 gms in 10 min)

REDACTED

CHEMIST

Wayne R. Miller

DATE: REDACTED

Read and/or explained to me and understood by me this

day of REDACTED

Platypus